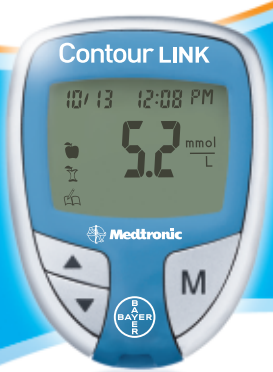
Contour® LINK

WIRELESS BLOOD GLUCOSE MONITORING SYSTEM



NO CODING®

Medtronic

USER GUIDE

USES BAYER'S *CONTOUR*® BLOOD GLUCOSE TEST STRIPS

Intended Use

The *CONTOUR® LINK* blood glucose monitoring system is intended for self-testing by people with diabetes and by health care professionals to monitor glucose concentrations in whole blood. The *CONTOUR LINK* system is indicated for use with fresh capillary whole blood samples drawn from the fingertip only. It is intended for in vitro diagnostic use only.

The *CONTOUR LINK* blood glucose monitoring system may be used as an aid to monitor the effectiveness of a diabetes control program. The *CONTOUR LINK* blood glucose monitoring system may also be used to transmit glucose values to compatible Medtronic MiniMed Paradigm Insulin Pump or Guardian REAL-Time Continuous Glucose Monitoring (CGM) System through use of radio frequency communication.

The *CONTOUR LINK* blood glucose monitoring system is not intended for the diagnosis of or screening for diabetes mellitus and is not intended for use on neonates.

Important Safety Instructions

The *MICROLET®2* lancing device included in this kit is not intended for use on multiple patients by health care professionals.

Used test strips and lancets are possible biohazards and must be disposed of properly.

Read your *CONTOUR LINK* user guide, the *MICROLET 2* lancing device insert and all instructional materials provided in your meter kit before testing. Please follow all instructions for use and care exactly as described to help avoid inaccurate results.

Always wash your hands well with soap and water before and after handling the meter, lancing device, or test strips.

WARNING: Potential Biohazard

Health care professionals or persons using this system on multiple patients should follow the infection control procedure approved by their facility. All products or objects which come in contact with human blood, even after cleaning, should be handled as if capable of transmitting viral diseases. The user should follow the recommendations for prevention of blood-borne transmissible diseases in health care settings as recommended for potentially infectious human specimens prior to repair service or investigation.[1]

IMPORTANT: Examine product for missing, damaged, or broken parts. If the test strip bottle is open inside a new box of strips, do not use those strips. Contact Bayer Diabetes Care Helpline: 1-800-268-7200 for replacement parts.

For more information see:

Health Canada Advisory: Blood Lancing Devices for Personal Use May Transmit Blood-Borne Viruses If Used on More Than One Person (2009) http://www.hc-sc.gc.ca/ahc-asc/media/advisories-avis/_2009/2009_50-eng.php

Important
Important Safety Instructions

Table of Contents

Important Information 2
Your Testing Tools 3
Your Meter Display....4
Your Meter Features....5
Important Things to Know 6
First Things First: Talking to Your Compatible Medtronic Device.... 7
Before You Begin 8

Getting Ready to Test....9
Getting the Blood Drop....11
Fingertip Testing....11
Testing Your Blood 12
Turning off the *Send* option for a Single Test Result....14
Cleaning Your Meter....17
Control Solution Testing....18

Setting Your Options....21
Setting the *Send* Option, Time, Date, and Sound....21
Setting the Markers and Test Reminder Alarm 24
Setting the Test Reminder Alarm Time 24
Using the Markers and Test Reminder Alarm 25
Viewing Stored Results....31

Error Codes and Symbols 33
Symptoms of High or Low Blood Glucose....36

Changing the Batteries 37
Caring for the System 38
Transferring Results to a Computer 39
Technical Information....40
Specifications....41
Warranty 43
Service and Supplies....45

Important Information

When the *Send* option on the *CONTOUR LINK* meter is set to ON:

This equipment has been tested and found to comply with the Industry Canada Standard in RSS-210. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

Industry Canada Statement

The term "**IC:**" before the certification/registration number only signifies that the Industry Canada technical specifications were met.

Operation is subject to the following two conditions:

1) this device may not cause interference, and
2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

If you have questions, please contact Bayer Diabetes Care Helpline at 1-800-268-7200.

Thank you for choosing Bayer's *CONTOUR® LINK* blood glucose monitoring system! We are proud to be your partner in helping you manage your diabetes. The *CONTOUR® LINK* meter does much more than test your blood glucose — it automatically sends your blood glucose result to compatible* designated Medtronic partner devices using a wireless, radio frequency transmission.

Your *CONTOUR® LINK* Meter:

Display

Up/Down Scroll Buttons

Memory Button (On/Off, Memory Recall, Enter)

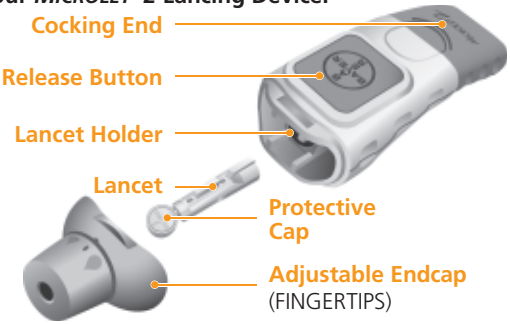
Test Strip Port

Your *CONTOUR®* Test Strip:

Sample Tip: The end of the test strip where the blood is pulled in.

Grey Electrode End: The end of the test strip that is inserted into the test strip port on the meter with the grey end facing up.

Your *MICROLET®2* Lancing Device:



Cocking End

Release Button

Lancet Holder

Lancet

Protective Cap

Adjustable Endcap (FINGERTIPS)

* For information on compatible Medtronic devices, contact your local Medtronic office.

Additional Materials

- ***CONTOUR®* Test Strips**—Use for blood glucose or control solution testing. Supplied in a handy bottle with an easy-to-open flip-top lid.
- ***MICROLET®2* Lancing Device**—Use for fingertip puncture with *MICROLET* lancets from Bayer.
- **BATTERIES**—Use two 3-volt (DL2032 or CR2032) lithium batteries. Replace when necessary.

Your Meter Display

The picture below shows all the symbols that will appear on your meter display. When the meter is off, press and continue holding the ▲ or ▼ button. All segments will be displayed and remain on while holding the button down for 10 seconds. Repeat as needed to compare your meter to the display shown below.

While all characters are displayed, it is most important to verify that 8.8.8 is fully displayed. If it is not, see Error Codes and Symbols (page 37). This may affect the way you see your results.

88/88
Top area on the display presenting date and time.

Indicates an alarm has been set.

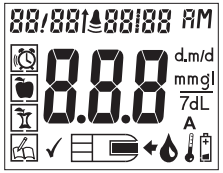
Pre-meal result marker.

Post-meal result marker.

Identifies a test result as unique or different.

Indicates *Send* option is turned on.

Indicates beeper is turned on.



8.8.8 Center area on the display that shows either your test result or any error codes.

Control result marker.

Indicates the meter is ready to test.

Indicates it is too cold or too hot for your meter to test accurately.

AM or PM will appear if the meter is in 12 hour setup.

d.m/d
Displays the date format.

mmol/L
7dL
Results are displayed along with the preset units of measure. The 7 appears when viewing the number of results over the past 7 days.

A
Average.

Indicates the batteries are low and need to be changed.

Your Meter Features

Programmed: Your *CONTOUR LINK* meter has been preset at the factory with the standard date and time. To change these settings or to use advanced meter features, such as meal markers, read through the Options section of your User Guide.

Easy: The *CONTOUR LINK* blood glucose monitoring system is all about simplicity. You will notice its uncomplicated approach the first time you see it. Simple things like the use of three large buttons and a clear display are sure to make this your favorite meter right from the start.

Automatic: You no longer have to worry about **coding** your meter or marking a control test result. The *CONTOUR LINK* meter does it automatically. It will even tell you when a test strip is under-filled.

Makes Sense: You will find features asked for by customers *just like you*. Practical features like a **fast** test time, a very **small** blood sample size, and a simple testing procedure *(No Coding™ technology!)* make the *CONTOUR LINK* meter ***your*** meter.

Convenient: Your *CONTOUR LINK* meter takes up about as much room in your pocket or bag as your key ring. The meter's small size, sleek design, and ease of use allow you to take it everywhere. You will be likely to test more often, which can mean better control of your diabetes.

"Talks" to Your Compatible Medtronic Device: Your *CONTOUR LINK* meter has the ability to automatically send your glucose result directly to your compatible Medtronic MiniMed Paradigm Insulin Pump. This eliminates the need to manually enter your blood glucose result into the insulin pump's Bolus Wizard® Calculator, which calculates an estimated bolus to support your food intake or to correct a high blood glucose. Your *CONTOUR LINK* meter can also send your fingertip blood glucose result directly to your compatible MiniMed Paradigm or Guardian REAL-Time Systems, eliminating the need to manually enter the result when calibrating the system.

Important Things to Know

Your CONTOUR LINK blood glucose meter is specific for glucose and has been referenced to plasma/serum values. Methods calibrated to plasma/serum can be 9% to 15% higher than the results of whole blood glucose assay methods.

- ***Always keep the test strips in the original bottle. Tightly close the bottle immediately after removing a test strip. The bottle is specially designed to provide a dry environment for the test strips. Extended exposure to room humidity from leaving the bottle open or not storing the test strips in the original bottle will damage your test strips.***
- Avoid excessive "milking" of your finger when forming a drop of blood and test immediately after forming the blood drop.
- ***DO NOT drop blood directly on the flat surface of the test strip.*** Your test strip is designed to easily "sip" the blood into the sample tip.
- ***DO NOT press the test strip against your finger.*** This may block the sample tip.
- ***DO NOT use a test strip that appears damaged or has been used.*** Test strips are for single use only.

IMPORTANT NOTE: *Your meter has been preset and locked to display results in mmol/L (millimoles of glucose per liter). Test results in mmol/L will* ***always*** *have a decimal point. In some countries, the meters are preset to display units in mg/dL (milligrams of glucose per deciliter). Results in mg/dL will* ***never*** *have a decimal point. Check your display to ensure that results are being displayed in the expected units; if they are not, contact your authorized Bayer representative.*

Example: 5.3 mmol/L *or* 96 mg/dL

IMPORTANT: When a low battery warning displays on the meter, replace the battery as soon as possible to avoid a test result not being stored in the meter memory.

First Things First: Talking to Your Compatible Medtronic Device

Your *CONTOUR LINK* meter is already set with the *Send* option turned on. (To turn the option off, see page 21.) Every time the meter displays a new blood glucose test result, the result is automatically sent to your compatible Medtronic device. However, your Medtronic device will only accept the glucose result if the Meter Option in your device's Utilities Menu is set to **On** and you have programmed the device with the meter's ID (serial) number. Up to three different meter ID numbers, can be accepted.

1. Program your meter ID number into your compatible Medtronic device. The ID number is the serial number found on the left side of the back label of your meter. It is a 6-digit numeric or alphanumeric number (0–9, A–F); for example, 120462 or B12B3C. *See the User Guide for your Medtronic device for complete information on this step.*
2. Set your meter to the same time and date as your Medtronic device (see page 22 in this User Guide).

The Medtronic device can receive a glucose result only if you have entered your meter's ID number into the device. Conversely, no one else's insulin pump or continuous glucose monitoring system can receive your glucose result, unless your meter ID number has been entered into that device.

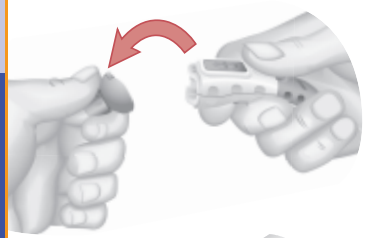
The meter uses a wireless signal to send the blood glucose result to the Medtronic device. However, the *Send* option must be set to ON (see page 21) and the meter and Medtronic device must be within 4 feet of each other. If you are not using the link functionality on your Medtronic device, you may want to turn the *Send* option off to save battery power.

Before You Begin

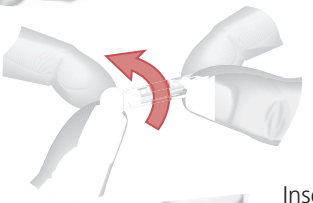
1. Have all the materials you will need ready before you begin testing. This includes your *CONTOUR LINK* meter, the *CONTOUR* test strips, and the *MICROLET*2 lancing device with *MICROLET* lancets. You may also need *CONTOUR* control solution to run a quality control check.
2. Read your User Guide and all instructional materials provided in your meter kit before testing.
3. Let the meter and test strips adjust to the temperature of the location where you are testing. Whenever the meter is moved from one location to another, allow 20 minutes for the meter to adjust to the temperature of that new location before performing a blood glucose test. The meter has been designed to give accurate results at temperatures between 5°C and 45°C.
4. It is important not to use the test strips or control solution if the expiration date printed on the bottle label and carton has passed or if it has been six months (180 days) since you first opened the control solution bottle. It will help to write the six month ***discard date*** on the label in the area provided when you first open the control solution.
5. **Before testing, always wash your hands with warm soapy water and dry them well.**

Getting Ready to Test:

Read the insert for the MICROLET2 lancing device for complete instructions.



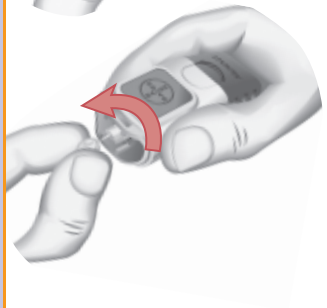
Remove the endcap from the *MICROLET2* lancing device.



Rotate (do not remove) the protective cap on a lancet ¼ turn.

Insert the lancet firmly until it comes to a full stop. This will "cock" the device.

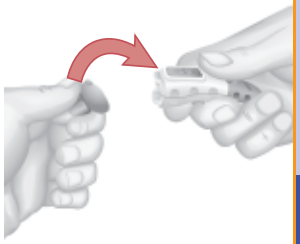
NOTE: *You can also pull and release the cocking end to "cock" the device.*



Twist off the lancet cap. Be sure to save it for disposing of the used lancet.

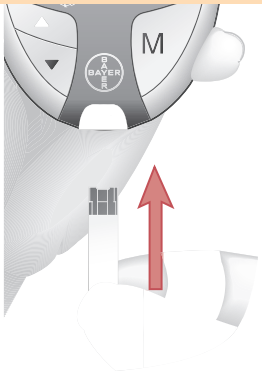
Replace the device endcap.

Remove a test strip from the bottle. ***Tightly close the bottle lid immediately after you have removed the test strip.***



NOTE: *Check the expiration date. Make sure the test strip does not appear torn or damaged.*

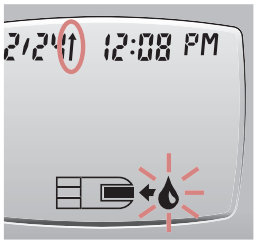
Tightly close the bottle lid immediately after you have removed the test strip. Excess moisture could damage the test strip.



Hold the test strip with the gray end facing up.

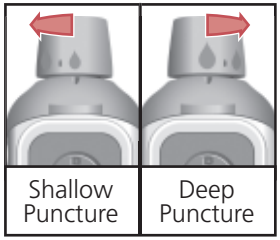
Insert the gray end into the test strip port on the meter. *No need to enter a code!*

Check battery status. If battery shows low, see page 37.



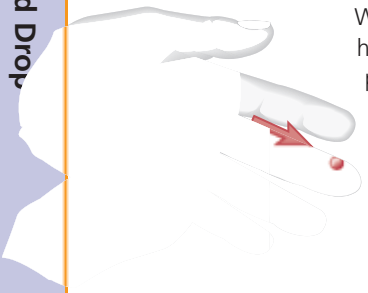
The meter will turn on. A test strip with a flashing blood drop will appear, letting you know the meter is ready to test, and the *Send* arrow (↑) will show that the meter is set to send the result to your compatible Medtronic device.

Getting the Blood Drop:



Fingertip Testing —
The depth of the puncture depends upon the adjustable endcap setting you choose and the amount of pressure applied to the puncture site. You should determine which combination works best.

Press the endcap firmly against the puncture site and press the blue release button.



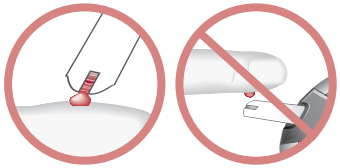
Wait a few seconds. Stroke your hand and finger towards the puncture site to form a drop of blood. Do not squeeze around the puncture site.

Test immediately after you have formed a blood drop.

Testing Your Blood:

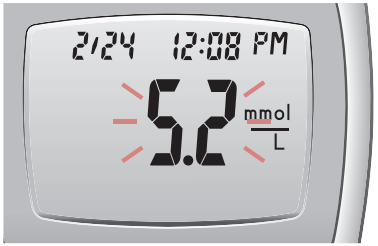
Immediately touch the **tip** of the test strip to the drop of blood. The blood is pulled into the test strip through the tip.

Do not press the tip against the skin or place the blood on top of the test strip.



Hold the tip of the test strip in the blood drop until the meter beeps.

After the beep, you will see the meter count down the five seconds until the test is complete and your result is displayed.



Your test result will begin flashing to indicate that it is being sent to your Medtronic device. It will continue to flash for at least 5 seconds (up to 60 seconds), until the meter receives a message from the Medtronic device that the result has been received. If your result does not flash, check to be sure the *Send* option is turned on (see page 21).

The test result will also be automatically stored in the meter memory.

If you have set your meter to use the special marker options (see page 24), the markers must be selected while the result is still being displayed, before removing the strip or turning the meter off.

NOTES:

1. **A result of "LO" or "HI" will not be sent to the Medtronic device, even when the *Send* option is on. Results of 0.6 - 1.0 mmol/L will be sent to the Medtronic device; however the device will ignore these results (they will not be displayed).**
2. **Important:** Always check the display on your Medtronic device to ensure that the glucose result shown agrees with the meter display.
3. Do not attempt to insert a new test strip until the display stops flashing. Doing so will cause the transmission to be stopped.

Stopping a Result While it is Being Sent

If you want to stop the transmission of a result (if it has not been accepted by the Medtronic device in 5 seconds), press **M**. The transmission will be cancelled. Be aware that the result **cannot** be resent later.

Turning off the *Send* option for a Single Test Result

If you do NOT want to send a blood test result to your Medtronic device, you can turn off the *Send* option for a single test. You may want to do this if you do not want to create a wireless signal (for example, if you have been asked to turn off all electronic devices on an aircraft).

1. Insert a test strip into the meter to turn the meter on. ***Before* you begin your test,** press and hold the ▲ or ▼ key until "OFF" is displayed. The ↑ displayed next to the date will disappear, indicating that the *Send* option is temporarily turned off.

2. Test your blood as usual. The result will not flash, indicating that it is not being sent.

3. When you turn the meter on to perform another test, the *Send* option will again be on (the ↑ will be displayed).

Test results

Expected Values: Blood sugar values will vary depending on food intake, medication dosages, health, stress, or activity. Non diabetic expected values are 3.9 to 6.1 mmol/L fasting.[2] **You should consult with your health care professional for glucose values specific to your needs.**

WARNING:

- **Test your blood again if your test result is below 2.8 mmol/L, above 13.9 mmol/L, or if you see "LO" or "HI" on the meter display. If your glucose level is still below 2.8 mmol/L, above 13.9 mmol/L, or shows as "LO" or "HI", call your physician or health care professional immediately.**
- **Do not change your medication based on *CONTOUR LINK* blood glucose results without the advice of your physician or health care professional.**

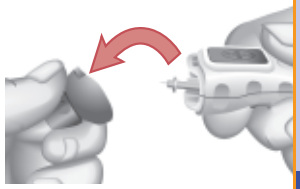
To turn your meter off, simply remove the test strip. Carefully dispose of the used test strip in an appropriate waste container. (The meter will automatically turn off after three minutes if you do not remove the test strip.)

NOTE: *If the glucose result is still being sent to your Medtronic device, the meter will not turn off until the transmission is complete.*

Need Help? Bayer Diabetes Care Helpline: 1-800-268-7200

Removing the used lancet:

In one hand, hold the lancing device with your thumb on the **grip indent**, with your other hand, hold the **grey endcap dial** as shown, and gently snap off the endcap.



Place the round protective lancet cap on a flat surface with the Bayer logo facing down.

With the used lancet still in the lancing device, push the lancet needle completely into the middle of the exposed side of the cap.

While (**a**) pressing the blue release button, (**b**) pull the blue cocking handle, and the lancet will drop into the container you have selected.

Dispose of the used lancet carefully to prevent injury or contamination to others.

Do not reuse lancets. Use a new *MICROLET*® lancet each time you test.

IMPORTANT: Always wash your hands well with soap and water before and after handling the meter, lancing device or test strips.

www.bayerdiabetes.ca

Testing
Testing Your Blood

WARNING: Potential Biohazard

- **The lancing device, lancets and test strips are for single patient use. Do not share them with anyone including other family members! Do not use on multiple patients.[3]**
- **Always dispose of the used test strip and lancet as medical waste. All products that come in contact with human blood should be handled as if capable of transmitting infectious diseases.**

Cleaning Your Meter

The exterior of the *CONTOUR®* *LINK* meter can be cleaned using a moist (not wet) lint free tissue with a mild detergent or disinfectant solution, such as 1 part bleach mixed with 9 parts water. Wipe dry with lint free tissue after cleaning.

CAUTION: Do not allow cleaning solution to run in or around the buttons, battery cover or test strip port. Doing so may cause a malfunction.

Control Solution Testing:

Use only *CONTOUR®* control solutions (Normal, Low, or High) from Bayer with your *CONTOUR* meter. Using anything other than *CONTOUR* control solution could present incorrect results.

Run a control test:

- When using your meter for the first time;
- When you open a new vial of test strips;
- If you think your meter may not be working properly; or
- If you have repeated unexpected blood glucose results.

Remove a test strip from the bottle.

Tightly close the bottle lid immediately after you have removed the test strip. Excess moisture could damage the test strip.

NOTE: *Check the expiration and discard date. Make sure the test strip does not appear torn or damaged.*

Hold the test strip with the grey end facing up.

Insert the grey end into the test strip port on the meter.

The meter will turn on. A test strip with a flashing blood drop will appear, letting you know the meter is ready to test.

Gently rock the control bottle before opening to ensure it is mixed well. Squeeze a small drop of control solution on a clean nonabsorbent surface (such as a piece of wax paper). **Do not apply the control solution to your finger nor directly to the test strip from the bottle.** **Recap the bottle immediately.**

Immediately touch the **tip** of the test strip to the drop of control solution. The solution is pulled into the test strip through the tip.

Hold the test strip in the drop until the meter beeps.

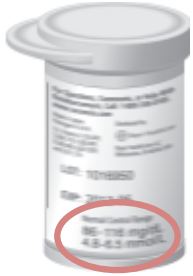
After the beep, you will see the meter count down five seconds until the test is complete and your control test result is displayed.

The meter will automatically recognize and mark (✓) the control result for you.

NOTE: The ✓ does not indicate the control test result is within the specified range.

Compare your control test result with the Normal Control Range printed on the test strip bottle label or on the bottom of the test strip box.

NOTE: Low and High control range values can be found on the bottom of the test strip box.



If your control test result is out of range, do not use your meter for blood glucose testing until you resolve the issue. See "What You Should Do" on page 35.

To turn your meter off, simply remove the test strip. The result will automatically be marked with a ✓ and stored in the meter memory. **Control results will not be included in your 14 day blood glucose average or in the 7 day total. They are also not sent to your Medtronic device (the result does not flash).**

Carefully dispose of the used test strip.

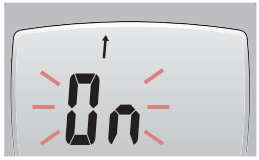
Setting Your Options:

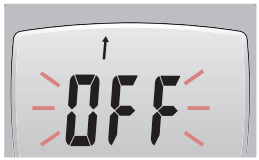
You can set your meter to display different options.

To get into the Setup mode, press and hold **M** for three seconds. A complete display will briefly appear, then the *Send* option will be displayed.

NOTE: *You can exit the Setup mode at any time by pressing and holding* ***M*** *for 3 seconds. All selections you have made up to that point will be saved.*

Setting the *Send* Option:





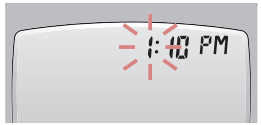
The *Send* arrow (↑) will be displayed at the top of the display and the word "On" will be flashing.

This option controls whether you want to send your test results to your Medtronic device.

Press ▲ or ▼ to choose whether to turn the *Send* option on or off. (If you are not using the link functionality on your Medtronic device, you may want to turn the *Send* option off to save battery power.)

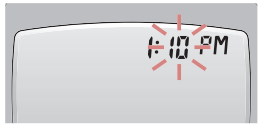
Press **M** to set.

Setting the Time:



The time will now appear on the display. The number in the **hour** position will be flashing. Press ▲ or ▼ until you reach the correct time.

Press **M** to set.



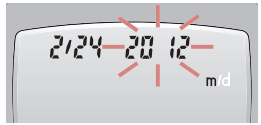
The number in the **minute** position will now flash. Press ▲ or ▼ until you reach the correct minute.

Press **M** to set.

The **AM** or **PM** will now flash. Press ▲ or ▼ to choose AM or PM.

Press **M** to set.

Setting the Date:



The date will now appear on the display. The **year** will be flashing. Press ▲ or ▼ to reach the current year.

Press **M** to set.

The **month** will now flash. Press ▲ or ▼ to reach the current month.

Press **M** to set.

The **day** will now flash. Press ▲ or ▼ to set the day.

Press **M** to set.

Setting the Sound:

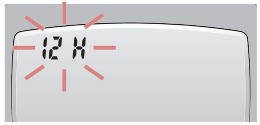
The flashing bell symbol will now appear on the display, along with the word "On."

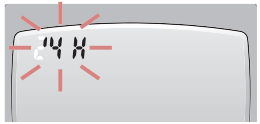
This option controls whether you want to hear the "beeps" during testing.

Press ▲ or ▼ to choose whether to turn the buzzer on or off. (You will hear a beep when you switch to the On screen.)

Press **M** to set.

Setting the 12 or 24 Hour Clock:



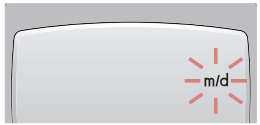


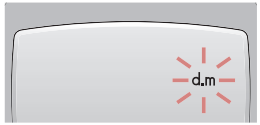
12H will now flash on the display. Press ▲ or ▼ to choose the 12H or 24H setting.

This option lets you set the meter to display the time as a 12 hour setting with AM and PM or as a 24 hour display (military time).

Press **M** to set.

Setting the Month and Day format:

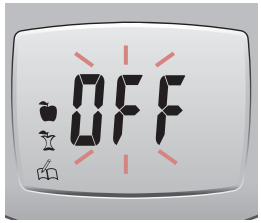


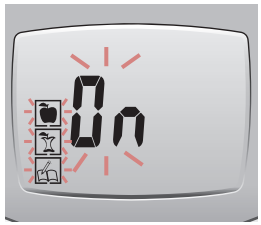


m/d will now flash on the display. Press ▲ or ▼ to choose how you want the date to appear (month/day or day.month).

Press **M** to set.

Setting the Markers and Test Reminder Alarm:





You will now see three markers displayed on your meter, along with the word "OFF."

Your *CONTOUR LINK* meter can give you the option of marking your test results by turning this option on.

(See pages 25–30 to learn how to use these options!)

Press ▲ or ▼ to turn the marker option on or off.

Press **M** to set.

Setting the Test Reminder Alarm Time:

You can now select the timing for the alarm to sound. The default setting is 2.0 hours (2.0H); this can be changed to 1.0, 1.5 or 2.5 hours.

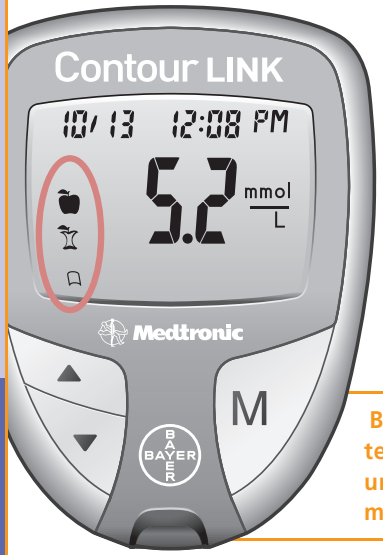
Press ▲ or ▼ to change the alarm time.

Press **M** to set.

You have now completed the setup of your meter!

The final display will remain on for 3 seconds, showing all the options you have chosen.

If you ever want to change the options you have chosen, simply go back to page 21 and follow the Setup instructions.



Using the Markers and Test Reminder Alarm:

If you have set your meter with the marker option on (see page 24), your meter will display three markers next to your blood glucose test result. (If the *Send* option is on, the markers will not be displayed until after the result has been sent to the Medtronic device and the display stops flashing.)

Be sure to leave the used test strip in the meter until you have finished marking the results.

Pre-meal = Marks a test result that was taken before a meal.

Post-meal = Marks a test result that was taken after a meal.

Logbook = Marks any result as being unique or different in some way and for which you may want to make notes in your Clinilog® logbook. Seeing a result with this symbol next to it in the memory will help remind you that there is more information recorded about this test result.

If you do not want to mark the test result:

Press **M** or remove the used test strip to automatically save the test result in the meter memory.

OR

Press ▲ or ▼ until all three markers disappear from the display. Press **M** and remove the used test strip.

Dispose of the used test strip and lancet properly to prevent injury or contamination to others.

If you want to mark the test result:

Press ▲ or ▼ to move to the marker you want to set. You will know when you have chosen a marker when you see the box around it flashing on the display.

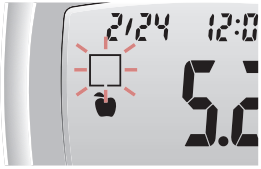
Press **M** to set.

If you mark a result with the , the will appear with a box flashing around it.

This allows you to set an alarm that will go off in 2 hours (or whatever time you have selected in the Setup mode), to remind you to run a post-meal test.

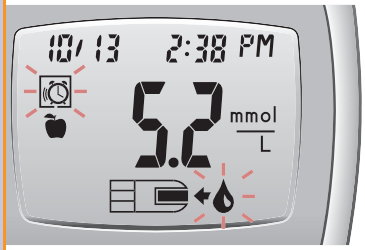
If you want to set the alarm, press **M**.

If you do not want to set the alarm, press ▲ or ▼. The will disappear showing an empty flashing box.



Press **M** to set.

Test Reminder Alarm:



When the alarm sounds, the meter will automatically turn on, the alarm will sound, and the display will show the pre-meal test result you marked when you set the alarm. Pressing any button will silence the alarm.

You can now run another test by placing a test strip in the test strip port and following the testing instructions (page 9).

When you have completed this test and the result is shown on the display, you may want to mark this test with the symbol to identify this test result as your post-meal result.

If you do not want to run another test immediately after the alarm sounds, press any button to turn your meter off.

The meter will only set one alarm. It will remember the last alarm set. Any previous alarm setting will be lost.

For example: *An alarm has been set. You decide to re-test before that alarm goes off. If you mark the new test result with a pre-meal marker ( ) and set a new alarm ( ), the old alarm setting will be ignored and only the new setting will sound in 2 hours (or in the time you selected in the Setup mode).*

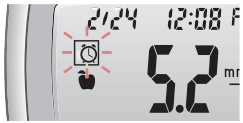
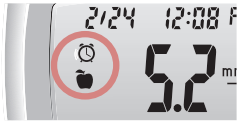
To Cancel a Test Reminder Alarm:

Press **M** to enter the meter memory. The 14 day average will appear along with the .

Press **M** again and a box will appear and flash around the .

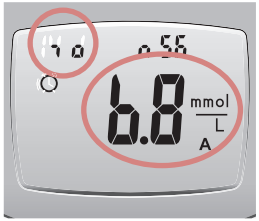
Press ▲ or ▼. The empty box ( ) will now indicate the alarm has been turned off.

Press **M** to set.

TO MARK RESULTS	YOU WILL SEE	TO SET	YOU WILL SEE	WHAT IT MEANS
Pre-Meal Press ▲ or ▼	(ON)	Press **M**		Result is marked as a pre-meal test. You can now set an alarm.
Alarm Press ▲ or ▼	(ON)	Press **M**		Alarm is set to go off after a set amount of time to remind you to run a post-meal test.
Post-Meal Press ▲ or ▼	(ON)	Press **M**		Result is marked as a post-meal test.
Logbook Press ▲ or ▼	(ON)	Press **M**		Result is marked in memory as unique. You should note this in your Logbook.

Using the Memory:

With the meter off, press the **M** button on the meter to view stored test results.



The **14 day average** will appear on the display with the average for test results taken over the last 14 days. If you have set an alarm that has not sounded yet, you will also see a ⏰ symbol.

Number of results: The number of results included in the average is shown at the top of the display. Your control results are not included in this 14 day average.

Press ▲ to view the 7 day total.

7 day total: Your meter will display the total number of results taken during the last seven days.

High and low results: At the top of the display you will see the number of high results (above 10.0 mmol/L) and low results (below 4.0 mmol/L) during that seven day period.

Press ▼ to review previous results.

Previous results: Results will be shown starting with the most recent. Each result will show the date and time the test was taken, as well as any symbols you chose to mark the test result.

You can press ▲ or ▼ to scroll forward or backward through the results. You can press and release the button to view stored results one at a time or you can hold it to move through results continuously.

When End appears on the display, you have viewed all of the results in the memory.

The meter will hold 480 results in the memory. When the maximum is reached, the oldest test result will be removed as a new test is completed and saved to the memory.

Press **M** to turn the meter off, or it will automatically turn off after three minutes.

Error Codes and Symbols:
If you do not resolve the problem, contact Bayer Diabetes Care Helpline at 1-800-268-7200

WHAT YOU SEE	WHAT IT MEANS	WHAT YOU SHOULD DO
(will remain on the display)	Low batteries.	Replace the batteries as soon as possible to avoid the risk of a test result not being stored in your meter. Call Bayer Diabetes Care Helpline at 1-800-268-7200 for free replacement batteries.
(will flash for 10 seconds then the meter will turn off)	Dead batteries.	Replace the batteries immediately to avoid the risk of a test result not being stored in your meter.
E 1	Temperature out of range.	Move to an area that is within the operating range for the meter (5°C – 45°C). Let the meter adjust to this temperature for twenty minutes before testing.
E 2	The test strip has not filled with enough blood for an accurate test.	Remove the test strip and retest using a new test strip.
E 3	The meter is detecting a used test strip or blood was applied before the meter was ready.	Remove the test strip and retest using a new test strip. Wait until you see the flashing blood drop on the display before adding the blood sample.
E 4	Test strip is not inserted correctly.	Remove and reinsert the test strip properly (see page 10).
E 5 E 9 E 6 E 12 E 8 E 13	Potential software or hardware issue.	Remove the test strip and retest using a new test strip. If you continue to have problems, contact Bayer Diabetes Care Helpline.
E 7	Wrong test strip.	Remove the test strip and retest using a *CONTOUR* test strip.

WHAT YOU SEE	WHAT IT MEANS	WHAT YOU SHOULD DO
E 10	Invalid date or time.	See Setup instructions (page 22) to set the date and time on your meter. If you continue to have problems, contact Bayer Diabetes Care Helpline.
E 11	Abnormal result.	Remove the test strip and retest using a new test strip. Carefully follow testing instructions in your User Guide. If you continue to have problems, contact Bayer Diabetes Care Helpline.
E 15	The meter has detected an error and cannot send the result to your Medtronic device.	Turn the *Send* option off (see page 21), then retest using a new test strip. (You can then manually enter your result into your Medtronic device.) Then contact Bayer Diabetes Care Helpline. (You can still use your meter for testing, but results cannot be sent to your Medtronic device.)
HI	Test result is above 33.3 mmol/L.	• Wash your hands and the test site. Repeat the test using a new test strip. • If your result is still "**HI**," contact your physician or health care professional immediately.
WARNING: Glucose levels above 13.9 mmol/L may indicate a potentially serious medical condition.		
LO	Test result is below 0.6 mmol/L.	• Repeat the test using a new test strip. • If your result is still "**LO**," contact your physician or health care professional immediately.
WARNING: Glucose levels below 2.8 mmol/L may indicate a potentially serious medical condition.		

If you do not resolve the problem, contact Bayer Diabetes Care Helpline at 1-800-268-7200

WHAT YOU SEE	WHAT IT MEANS	WHAT YOU SHOULD DO
Test result continues to flash for 60 seconds, then stops.	The Medtronic device did not acknowledge receipt of the test result within 60 seconds.	• Be sure the Medtronic device is located within 4 feet of the *CONTOUR LINK* meter. • Check that the Medtronic device is set to accept meter results and the meter ID has been programmed into the device. • Check the Medtronic device display to determine if the glucose result has been received by the device. If it has not, you can enter the test result manually. If you continue to have problems, contact Bayer Diabetes Care Helpline.
Control test result is out-of-range (too high or too low).	• Test strip or control solution is past the expiration date or is past the discard date. • Test strip is deteriorated due to heat or exposure to moisture. • Control solution is not at room temperature or may not be mixed well. • Incorrect control solution was used.	• Check all expiration dates and discard dates. Do not use expired testing materials. • Make sure you are using *CONTOUR* control solution. • Gently rock the control bottle to ensure the control solution is mixed well. • Run another control test. • If result is still out of range, retest with a new test strip and new control solution. • If result is still out of range, call Bayer Diabetes Care Helpline.
Some display segments do not appear when the meter initially turns on.	Possible meter electronics failure.	Compare meter display with the illustration on page 4. If the display is not correct, contact Bayer Diabetes Care Helpline.
Results are not displayed in expected units of measure mmol/L.	This may affect the way you see your results.	Contact Bayer Diabetes Care Helpline.

Symptoms of High or Low Blood Glucose

You can better understand your test results by being aware of the symptoms of high or low blood glucose; this will also help you decide what to do if your results seem unusual.

Some of the most common symptoms are:*

Low blood glucose (Hypoglycaemia):

- shakiness
- sweating
- fast heartbeat
- blurred vision
- confusion
- passing out
- seizure
- extreme hunger
- irritability
- dizziness

High blood glucose (Hyperglycaemia):

- frequent urination
- excessive thirst
- blurred vision
- increased fatigue
- hunger

Ketones (Ketoacidosis):

- shortness of breath
- nausea or vomiting
- very dry mouth

If you are experiencing any symptoms, test your blood glucose. If your test result is below 2.8 mmol/L or above 13.9 mmol/L, contact your doctor immediately.

*For additional information and a complete list of symptoms, contact your health care professional or refer to the website for the Canadian Diabetes Association: www.diabetes.ca

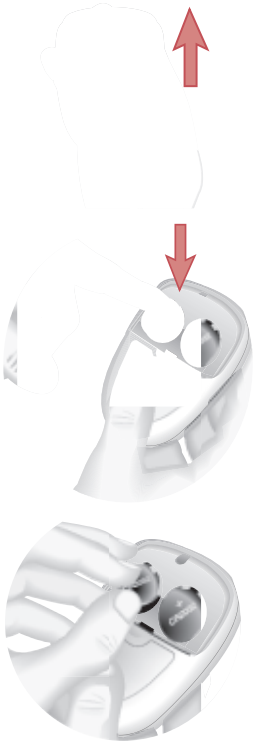
Changing the Batteries:

WARNING: When a low battery warning displays on the meter, replace the battery as soon as possible to avoid a test result not being stored in the meter memory.

Batteries should be replaced when the meter continually displays or the meter briefly flashes and then turns off ***(See Error Codes and Symbols, page 33).***

Turn off your meter before changing your batteries.

Press firmly on the battery cover and slide in the direction of the arrow.

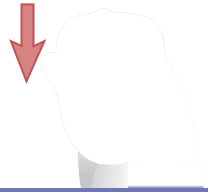


NOTE: If you put the new batteries in the meter within 5 minutes of taking the old ones out, all your settings and results will be saved. If you take more than 5 minutes, you will need to reset the date and time although your other settings and results will be saved.

Remove the old batteries by pressing the top of the battery which will raise the bottom of the battery up.

Place new batteries under the prongs and into the battery compartment with the "+" side up. (Battery part numbers are DL2032 or CR2032.)

Slide the battery cover back into place, lining up with the open slots, and close firmly.



WARNING: Keep batteries away from children. Lithium batteries are poisonous. If swallowed, immediately contact your physician or poison control center. Discard batteries according to your local environmental regulations.

Bayer offers free batteries for the life of your meter. When your batteries are low, please call 1-800-268-7200 for your free batteries.

Caring for the System:

- When a low battery warning displays on the meter, replace the battery as soon as possible to avoid a test result not being stored in the meter memory.
- Store the meter in the carrying case provided whenever possible.
- Wash your hands and dry thoroughly before handling to keep the meter and test strips free of oils and other contaminants.
- Handle the meter carefully to avoid damaging the electronics or causing other malfunctions.
- Avoid exposing the meter and test strips to excessive humidity, heat, cold, dust, or dirt.
- Clean your meter as recommended on page 17.

WARNING: Do not allow solution to run down into the test strip port or around the buttons. Doing so may cause a malfunction.

Transferring Results to a Computer:

You can easily transfer test results from the *CONTOUR LINK* meter to a computer that includes the Bayer's *GLUCOFACTS® DELUXE* Diabetes Management Software or Medtronic CareLink® Therapy Management Software. The results can then be summarized into easy-to-read reports that you can share with your physician. A Bayer data cable is required to use this feature.

IMPORTANT: The *CONTOUR LINK* meter has not been tested for use with any diabetes management software other than *GLUCOFACTS® DELUXE* diabetes management software from Bayer or CareLink® software. Bayer is not responsible for any erroneous results from the use of other software.

For more information, call our Bayer Diabetes Care Helpline at 1-800-268-7200, or visit our website at www.bayerdiabetes.ca.

For CareLink information, visit www.minimed.com/carelinkinfo.

NOTE: *If the cable is connected to the data port (even if the cable is not connected to a PC), results will NOT be sent to the Medtronic device.*

Technical Information:

Please refer to your *CONTOUR®* blood glucose test strip package insert or contact the Bayer Diabetes Care Helpline at 1-800-268-7200 for additional performance data.

Specifications:

Test Sample: Whole blood

Test Result: Referenced to plasma/serum glucose

Sample Volume: 0.6 µL

Measuring Range: 0.6–33.3 mmol/L

Measuring Time: 5 seconds

Memory Feature: Stores most recent 480 test results

Radio Frequency: 916.5 MHz

Battery Type: Two 3-volt lithium batteries (DL2032 or CR2032)

Battery Life:

***Send* option off:** About 1000 tests (1 yr. average use).

***Send* option on:** About 244 tests (2 months at 4 transmitted results per day).

Operating Temperature Range: 5°C–45°C

Humidity: 10–93% RH

Altitude: Up to 3353 meters does not significantly affect results.

Dimensions: 77 mm (H) x 57 mm (W) x 23 mm (T)

Weight: 52.7 grams

Alarm: "Beeps" whenever a test strip is inserted into or removed from the meter, when the test strip is filled with blood or control solution, and when a test result appears in the display. Two beeps will sound for an error. Twenty beeps will sound when a programmed alarm goes off.

Specifications
Extras

Warranty:

Important: Bayer Inc. ("Bayer") has no knowledge of the performance of the *CONTOUR® LINK* blood glucose meter when used with any test strip other than *CONTOUR®* and therefore this warranty is invalid if the *CONTOUR LINK* meter is used with any test strip other than the *CONTOUR* test strip or when the *CONTOUR* test strip is altered or modified in any manner.

Manufacturer's Warranty: Bayer Inc. warrants to the original purchaser that this meter will be free from defects in materials and workmanship for as long as you own your system. Bayer shall replace with a reconditioned meter or, at it option, repair at no charge a meter that is found to be defective.

Limitations of Warranty: This warranty is subject to the following exceptions and limitations:

1. The warranty card must be completed, signed and returned to validate your warranty.
2. This warranty is limited to replacement due to defects in parts or workmanship. Bayer shall not be required to replace any units which are necessitated by abuse, accidents, alteration, misuse, neglect, lost or stolen, maintenance by someone other than Bayer, or failure to operate the meter in accordance with instructions. Further, Bayer, assumes no liability for malfunction or damage to Bayer meters caused by the use of reagents other than reagents (i.e., *CONTOUR®* test strips) manufactured or recommended by Bayer.
3. Bayer reserves the right to make changes in design of this instrument without obligation to incorporate such changes into previously manufactured meters.
4. This warranty is available only to registrants with a Canadian address.

THIS WARRANTY IS EXPRESSLY LIMITED TO THE METER AND MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES EXPRESS OR IMPLIED (EITHER IN FACT OR BY OPERATION OF LAW) INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE WHICH ARE EXPRESSLY EXCLUDED, UNLESS PROHIBITED BY LAW, AND IS THE ONLY WARRANTY GIVEN BY BAYER.

Limitations of Liability: IN NO EVENT SHALL BAYER BE LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, EVEN IF BAYER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

For warranty service, the purchaser must contact the Bayer Diabetes Care Helpline, by calling toll free 1-800-268-7200, for assistance and/or instructions for obtaining service of this meter.

Warranty
Extras

Service Information:

If you have a problem and none of the problem-solving steps in the User Guide help, call a Bayer HealthCare Representative. We have trained specialists to help you.

Important:

- Speak with a Bayer HealthCare Representative before returning your meter for any reason. He/she will give you the information needed to get your problem handled correctly and efficiently.
- Have your *CONTOUR LINK* blood glucose meter and *CONTOUR* test strips available when you phone. It would also be helpful to have a bottle of *CONTOUR* control solution nearby.

Supplies:

When calling or writing for supplies, be sure to include the number with the name of the replacement part or accessory item.

Replacement Parts

Part Number*	Item
40030030	3-volt Lithium Battery (DL2032 or CR2032) — 2 (Free batteries for your meter. Call 1-800-268-7200.)
84733513	*CONTOUR® LINK* User Guide
40453291	USB Data Cable
7081B	*CONTOUR®* Test Strips (box of 50)
7091B	*CONTOUR®* Test Strips (box of 100)
7109AB	*CONTOUR®* Normal Control Solution (2 vials)
7110AB	*CONTOUR®* Low Control Solution (1 vial)
7111AB	*CONTOUR®* High Control Solution (1 vial)
6611	*MICROLET®2* Adjustable Lancing Device
6546P	*MICROLET®* Lancets (box of 100)
6550P	*MICROLET®* Lancets (box of 200)

* Part numbers are subject to change without notice

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[2] Longo DL. et al. *Harrison's Principles of Internal Medicine, 18th edition*. 2011 http://www.accessmedicine.com.

[3] Health Canada Advisory: Blood Lancing Devices for Personal Use May Transmit Blood-Borne Viruses If Used On More Than One Person (2009) http://www.hc-sc.gc.ca/ahc-asc/media/advisories-avis/_2009/2009_50-eng.php

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